



DEPARTMENT OF THE NAVY
PORT HUENEME DIVISION
NAVAL SURFACE WARFARE CENTER
4363 MISSILE WAY
PORT HUENEME, CALIFORNIA 93043-4307

IN REPLY REFER TO:

J&A Number: 12,193
Code: 111.NN

**JUSTIFICATION AND APPROVAL
FOR USE OF OTHER THAN FULL AND OPEN COMPETITION**

JUSTIFICATION

1. Contracting Activity

The Naval Sea Systems Command, Port Hueneme Division, Naval Surface Warfare Center (PHD NSWC), Acquisition Division, Code 111.

2. Description of the Action Being Approved

This Justification and Approval (J&A) authorizes and approves the solicitation and award of a contract on a sole source basis to Superior Motion Control, Incorporated (SMCI) for Deluge Valve Body assemblies. Authority to act under this J&A expires at contract award.

3. Description of Supplies/Services

This procurement will provide 398 deluge valve body assemblies including new deluge castings, impregnation and leak test after impregnation, one seat (5497699-1) and set screw (6887404-1). This equipment will be used in the deluge assembly onboard ships equipped with the MK 41 Vertical Launching System (VLS). The deluge valve assembly sprays cooling water into the canister if a restraint firing or canister over temperature condition occurs.

The Government's minimum needs have been verified by the certifying technical and requirements personnel. These minimum needs include design reviews, prototype inspection, casting dimensional verification, qualification testing and failure analysis of the part.

The Period of Performance shall be 14-16 weeks After Receipt of Order at a delivery rate of 50 per month. The total

estimated dollar value of this requirement is \$646,750.00 and will be fully funded as follows:

REQ #	FUND TYPE	QUANTITY	FUNDED	TOTAL
03358417	FY 10 OPN PR	245	\$398,125.00	\$398,125.00
03358419	FY 09 OPN PR	153	\$248,625.00	\$248,625.00
		398	\$646,750.00	\$646,750.00

4. Statutory Authority Permitting Other Than Full and Open Competition

10 U.S.C. 2304 (c)(1); Only one responsible source and no other supplies or services will satisfy agency requirements.

5. Rationale Justifying Use of Cited Statutory Authority

SMCI is the Original Equipment Manufacturer of the deluge valve body. There are specific Quality Assurance processes that must be met in the building of the deluge valve body. SMCI has established approved testing procedures and assemblies in accordance with U.S. Navy requirements concerning design reviews, casting dimensional verification, qualification testing and failure analysis.

Recent investigations have provided evidence that equipment failures will occur at more than the normal rate if the deluge valve assembly is not purchased and installed on time. Valve assembly is a crucial component to ensure the safe operation of the MK 41 VLS. It is critical to have these parts on hand to support the repairs once the deluge valves are turned in for repairs allowing a faster turnaround. Immediate availability of these assemblies is critical.

To ensure safe and timely installation of the deluge valve body assembly, it will be necessary to receive the materials by 31 September 2011. Market research has been conducted and it has been determined that the Government can receive the first delivery of materials in approximately four months after award of contract.

It is estimated that the cost to the Government that would be duplicated will exceed \$600,000-\$1,000,000 should another vendor/manufacturer be sought. This cost estimate takes into consideration design reviews, prototypes, casting dimensional verification, qualification testing and failure analysis. This cost would be on top the cost for the end-units, which is estimated at \$646,750.

6. Description of Efforts Made to Solicit Offers from as Many Offerors as Practicable

The proposed contract action was synopsisized on the Federal Business Opportunities website on 29 March 2011 and no other potential sources expressed an interest in this requirement. No additional market research was conducted because it is not practicable, for the reasons discussed in paragraph 5, for any company other than SMCi to provide the required supplies and services.

7. Determination of Fair and Reasonable Costs

The Contracting Officer has determined that the anticipated cost to the Government of the supplies covered by this J&A will be fair and reasonable.

8. Actions to Remove Barriers to Competition

For the reasons set forth in paragraph 5, PHD NSWC has no plans at this time to compete future contracts for the types of supplies covered by this document. If another potential source emerges, PHD NSWC will assess whether competition for future requirements is feasible.

CERTIFICATIONS AND APPROVAL

TECHNICAL/REQUIREMENTS CERTIFICATION (FAR 6.303-2(b))

I certify that the facts and representations under my cognizance, which are included in this justification and its supporting acquisition planning data, including Acquisition Plan No. N/A, except as noted herein, are complete and accurate to the best of my knowledge and belief.

TECHNICAL COGNIZANCE:

[REDACTED]

REQUIREMENTS COGNIZANCE:

[REDACTED]

LEGAL SUFFICIENCY REVIEW (NMCARS 5206.303(90))

I have determined this justification is legally sufficient.

[REDACTED]

CONTRACTING OFFICER CERTIFICATION (FAR 6.303-2(a)(12))

I certify that this justification is accurate and complete to the best of my knowledge and belief.

[REDACTED]

APPROVAL BLOCK (FAR 6.304 for Approving Official)

Upon the basis of the above justification, I hereby approve, as Contracting Officer the solicitation of the proposed procurement(s) described herein using other than full and open competition, pursuant to the authority of 10 U.S.C. 2304(c)(1).

CONTRACTING OFFICER

[REDACTED]

KITTIE ELLISON

Date

16 May 2011